

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Trulite Window & Door Solutions, LLC 8130 NW 74th Avenue Medley, FL 33166

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "1600 Impact View" Aluminum Horizontal Sliding Window - L.M.I.

APPROVAL DOCUMENT: Drawing No.W03-104, titled "Series-1600 Impact View Alum Horiz. Sliding Wdw.", sheets 1 through 5 of 5, dated 11/18/03, with revision D dated 12/23/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA# 12-0118.21 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

(MIAMI-DADE COUNTY) | APPROYED TAD 15/20/13

NOA No. 13-0326.09 Expiration Date: March 04, 2019 Approval Date: June 06, 2013 Page 1

Trulite Window & Door Solutions, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- Manufacturer's die drawings and sections. 1. (Submitted under NOA#03-1203.02)
- Drawing No. W03-104, titled "Series-1600 Impact View Alum Horiz. Sliding Wdw." 2. sheets 1 through 5 of 5, dated 11/18/03, with revision D dated 12/23/11, prepared by Al Faroog Corporation, signed and sealed by Javad Ahmad, P.E. (Submitted under previous NOA No. 12-0118.21)

B. **TESTS**

- Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 1.
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-3791, dated 07/12/03, signed and sealed by Joseph Chan, P.E. (Submitted under NOA#03-1203.02)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-3763, dated 05/03/03, signed and sealed by Joseph Chan, P.E. (Submitted under NOA#03-1203.02)

C. **CALCULATIONS:**

- Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, prepared by Al-Faroog Corporation, dated 11/03/08, 09/03/10, and updated on 01/04/12, signed and sealed by Javad Ahmad, P.E.
 - (Submitted under previous NOA No. 12-0118.21)
- 2. Glazing complies with ASTM E1300-04

Manuel Perez. P.E. Product Control Examiner NOA No. 13-0326.09

Expiration Date: March 04, 2019 Approval Date: June 06, 2013

Trulite Window & Door Solutions, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 12–1231.10 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers" dated 03/28/13, expiring on 05/21/16.
- 2. Notice of Acceptance No. 10-0331.02 issued to Cytec Industries, Inc. for their "Uvekol S Laminated Glass Interlayer", dated 05/05/10, expiring on 02/08/14.

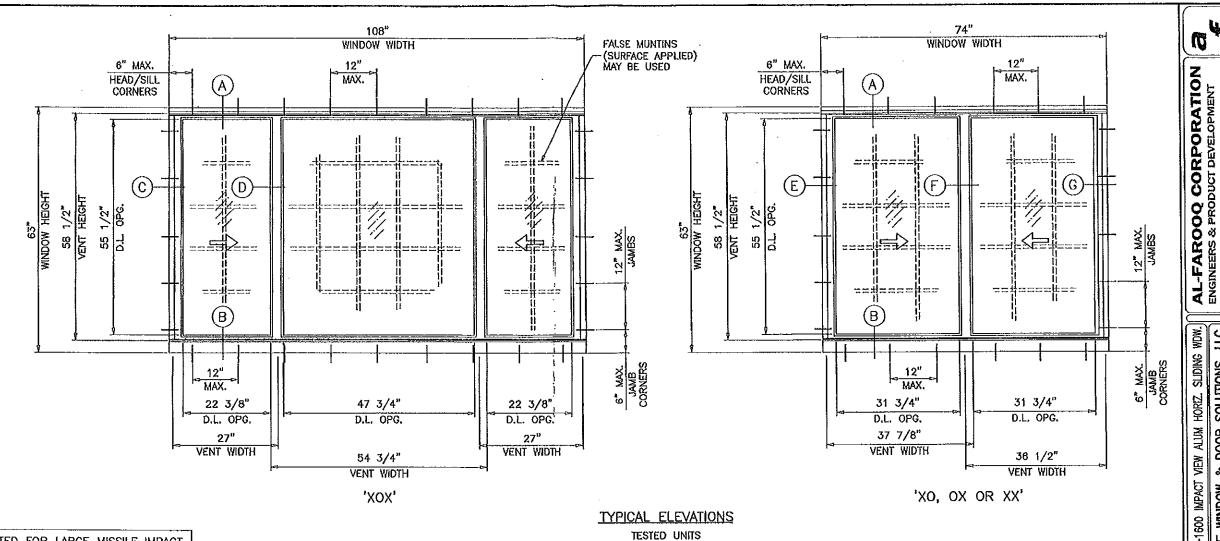
E. STATEMENTS

1. Statement letter of conformance, complying with the FBC-2010, and of no financial interest, dated March 19, 2013, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. Notice of Acceptance No. 12-0118.21, issued to Trulite Window & Door Solutions, LLC, for their Series "1600 Impact View" Aluminum Horizontal Sliding Window – L.M.I., approved on 03/15/12 and expiring on 03/04/14.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0326.09
Expiration Date: March 04, 2019
Approval Date: June 06, 2013



THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES-1600 IMPACT VIEW ALUMINUM HORIZONTAL SLIDING WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR H.R. WDW. WITH OTHER MIAMI-DADE COUNTY APPROVED WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

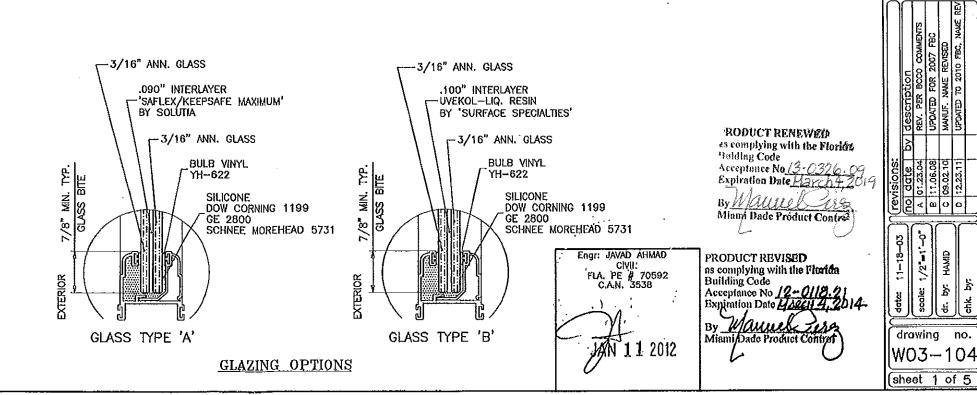
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG, CODE SECTION 2003,8,4,



TRULITE WINDOW & DOOR S 8130 N.W. 74TH AVE. MEDLEY, FL. 33166 TEL (305) 887–2646 FAX

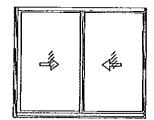
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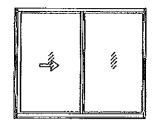
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no.

DESIGN LOAD CAPACITY - PSF (XO, OX OR XX SIZES					
			GLASS TYPES		
WINDOW DIMS.		A	'A' & 'B'		
WIDTH	HEIGHT		EXT.(+)	INT.(-)	
26-1/2"		3	90,0	140.0	
37"	26"	4	90.0	140.0	
53-1/8"	(3)	5	90,0	140.0	
74"		7	90.0	140.0	
26-1/2"		3	90.0	140.0	
37"	38-3/8"	4	90.0	140.0	
53-1/8"	(3)	5	90.0	140.0	
74"		7	90.0	140.0	
26-1/2"		3	90,0	140.0	
37"	50-5/8"	4	90,0	140.0	
53-1/8"	(4)	5.	90,0	140.0	
74"		7	90.0	131.1	
26-1/2"		3	90,0	140,0	
37"	63" (e)	4	90.0	140.0	
53-1/8"	(5)	5	90.0	109.9	
74"		7	89.5	89.5	
24°		2	90,0	140.0	
36"	5.19	3	90.0	140,0	
48"	24" (2)	4	90.0	140.0	
60°	(2)	5	90.0	140.0	
72"		6	90.0	140,0	
24"		2	90.0	140.0	
36"	70!	3	90.0	140.0	
48"	36" (3)	4	90.0	140.0	
60"	(3)	5	90.0	140.0	
72°		6	90.0	140.0	
24"		2	90.0	140.0	
36"	40"	3	90.0	140.0	
48°	48" (4)	4	90.0	140.0	
60"		5	90.0	140.0	
72"		6	90.0	140.0	
24°		2	90.0	140.0	
36"	60" (5)	3	90.0	140.0	
48"		4	90.0	126.6	
60"		5	90.0	108,9	
72"		6	90.0	98.3	

A = NO. OF ANCHORS PER HEAD & SILL () = NO. OF ANCHORS PER JAMB





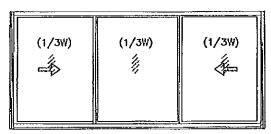
LEFT AND RIGHT VENTS TO BE OF EQUAL GLASS DLO WIDTHS

'XX'

'XO OR OX'

DESIGN	LOAD CA	PACITY	y – PSF (X	OX SIZES)
WINDOW DIMS.			GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT	A	EXT.(+)	INT.(-)
74"	26" (3)	7	90.0	140.0
1061/4"		9	90.0	140.0
111"		10	90.0	140.0
74"	70 Y /01	7	90.0	140.0
106~1/4"	38-3/8" (3)	9	90.0	140.0
111"	(5)	10	90.0	140,0
74"	50~5/8"	7	90,0	140.0
1061/4"	(4)	8	90,0	126.6
111"	(1)	10	900	124.2
74"	63"	7	90,0	115.9
106-1/4"	(5)	9	90;0	91.6
72"		6	90.0	140.0
84"	24" (2)	7	90,0	140.0
96"		8	90,0	140.0
108"		9	9010	140.0
72"		6	90,0	140.0
84"	36"	7	90,0	140.0
96"	(3)	8	90,0	140.0
108"		9	90¦0	140.0
72"		6	90,0	140.0
84"	48"	7	90.0	140.0
96"	(4)	8	90.0	140,0
108"		9	90.0	136.7
72"		6	90,0	122.2
84"	60"	7	90.0	113.8
96"	(5)	8	90.0	104.8
108"		9	90.0	97.6

A = NO. OF ANCHORS PER HEAD & SILL () = NO. OF ANCHORS PER JAMB

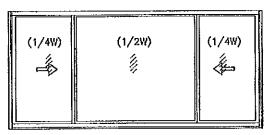


OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

'XOX'

DESIGN	LOAD CA	PACITY	- PSF (X	ox sizes)
yindow dims.		Λ	GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT	A	EXT.(+)	INT.()
74"	26" (3)	7	90.0	140.0
106-1/4"		9	90.0	140.0
111"		10	90.0	140.0
74"	38-3/8" (3)	7	90.0	140.0
106~1/4"		9	90.0	140.0
111"	(0)	10	90.0	139.2
74"	50 5 60	7	90.0	140.0
106-1/4"	50-5 / 8" (4)	9	90.0	113.4
111"	(*)	10	90.0	108,8
74"	63"	7	90.0	1 10.5
108-1/4"	(5)	9	90.0	90.7
72"		6	90.0	140.0
84"	24"	7	90.0	140.0
96"	(2)	8	90.0	140.0
108"		9	90.0	140.0
72°		6	90.0	140.0
84"	36"	7	90.0	140.0
96°	(3)	8	90,0	140.0
108"		9	90.0	140.0
72"		8	90.0	140.0
84"	48"	7	90.0	139.2
96"	(4)	8	90.0	130.1
108"		9	90.0	116.3
72"		6	90.0	113,8
84º	60"	7	90.0	110.3
96"	(5)	8	90.0	102.5
108"		9	90,0	97.1

() = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

'xox'

RODUCT RENEWED

43 complying with the Flories
Building Code Acceptance No

Expiration Date 1 27 4 By Meure Long Minnel Dade Product Confront Engr: JAVAD AliMAD CVAL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0113-2
Expiration Date Market 4, 2

drawing no. W03-104 sheet 2 of 5

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-6978

DW & DOOR SOLUTIONS, LLC 74TH AVE. 33166

GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION

DECLARATORY STATEMENT DCA05-DEC-219

